

CHAPTER 5

5 LIST OF PREPARERS

5.1 Project Management

Nicholson, Charles P.

Position: Senior NEPA/Endangered Species Specialist, NEPA Team Leader

Education/Experience: M.S., Wildlife Management; 25 years of experience in zoology, endangered species studies, and NEPA compliance

Involvement: NEPA Compliance and Document Preparation

Barger, Hugh S.

Position: Environmental Engineering Specialist

Education/Experience: B.S. Engineering; 30 years experience in direction of environmental reviews and preparation of environmental review documents

Involvement: Project coordination, purpose and need, alternatives description

Tucker, E. Fowler

Position: Project Engineer, Siting

Education/Experience: B.S., Civil Engineering; 27 years experience in transmission line survey and design; 9 years experience in transmission line siting

Involvement: Project and siting alternatives

5.2 Other Contributors

Awl, D. Jane

Position: Wetlands Biologist

Education/Experience: B.S., Biology and Environmental Science, M.S. Ecology; 12 years experience in wetlands assessment and delineation

Involvement: Wetlands

Baxter, John T.

Position: Biologist - Aquatic

Education/Experience: B.S., Zoology, M.S., Zoology; 14 years experience with protected aquatic species monitoring, habitat assessment, and recovery, 4 years experience in NEPA reviews

Involvement: Endangered and Threatened Species – Aquatic Animals

Collins, J. Leo

Position: Senior Botanist

Education/Experience: Ph.D., Botany; 26 years experience in NEPA reviews, 31 years experience with southeastern flora

Involvement: Vegetation, Endangered and Threatened Species - Plants

Eblen, James H.

Position: Contractor, Economist
Education/Experience: Ph.D., Economics; 36 years experience in demographic analysis at TVA, including 6 years experience in NEPA reviews
Involvement: Socioeconomics and Environmental Justice

Fraley, Nancy D.

Position: Natural Areas Coordinator
Education/Experience: B.S., Botany, B.A., Anthropology, M.S., Botany; 12 years experience in terrestrial vegetation assessment, rare plant inventory, and environmental education; 7 years experience with invasive exotic plant management
Involvement: Managed Areas; Vegetation – Invasive Plant Species

Guinn, Ella

Position: Contract Natural Areas Specialist
Education/Experience: B.A. and M.S., Geography; 9 years experience in land use analysis, interpretation and planning
Involvement: Managed Areas

Henry, T. Hill

Position: Senior Zoologist
Education/Experience: M.S., Zoology; 10 years experience in monitoring terrestrial endangered species
Involvement: Wildlife, Endangered and Threatened Species – Terrestrial Animals

Higgins, John M.

Position: Water Quality Specialist
Education/Experience: Ph.D., Environmental Engineering; 30 years experience in water resource management
Involvement: Surface Water

Hill, Amy Denise

Position: Archaeologist
Education/Experience: B.A., Anthropology; 3.5 years cultural resource management experience
Involvement: Cultural Resources

Kraft, Julia

Position: Senior Geographic Analyst
Education/Experience: 12 years of experience in transmission siting analysis
Involvement: Transmission corridor analysis, mapping

Milligan, Jack D.

Position: Groundwater Specialist
Education/Experience: M.S., Environmental Engineering; 27 years experience in groundwater and surface water assessments
Involvement: Groundwater

Milstead, Roger A.

Position: Floodplain Specialist
 Education/Experience: B.S., Civil Engineering; 27 years experience in floodplain and environmental evaluations. Registered Professional Engineer
 Involvement: Floodplains

Mitchell, Jason M.

Position: Contract Zoologist
 Education/Experience: B.S., Wildlife and Fisheries Science; MPA (Environmental Policy); 3.5 years experience with state wildlife agency and 6.5 years performing zoological assessments for federal land-management organizations
 Involvement: Wildlife, Endangered and Threatened Species – Terrestrial Animals

Parsons, Marjorie

Position: Senior Planning Engineer
 Education/Experience: B.S., Engineering; 15 years experience in transmission planning
 Involvement: Electrical analysis to determine need for transmission line

Peck, George

Position: Aquatic Biologist
 Education/Experience: B.S., Secondary Education (Biology); M.S., Biology; 20 years of experience in aquatic biology
 Involvement: Aquatic Ecology

Pflueger, Richard L.

Position: Land Use and Recreation Specialist
 Education/Experience: B.S., Accounting, M.B.A.; 25 years experience in recreation and economic development
 Involvement: Recreation

Peebles, W. Chett

Position: Contract Landscape Architect
 Education/Experience: Bachelor of Landscape Architecture; 15 years experience in site planning. Registered Landscape Architect
 Involvement: Visual and Aesthetic Resources

Rosensteel, Barbara

Position: Contract Wetlands Biologist
 Education/Experience: B.S. and M.S., Environmental Science; 14 years experience in wetlands assessment and delineation
 Involvement: Wetlands

Tichy, Charles R.

Position: Historic Architect
 Education/Experience: B. Architecture, M.A., Historic Preservation; 35 years experience in architectural restoration and preservation
 Involvement: Cultural Resources

Wells, Caroline L.

Position:	Botanist
Education/Experience:	Ph.D., Botany; 8 years experience in working with endangered and threatened plants
Involvement:	Vegetation, Endangered and Threatened Species - Plants

CHAPTER 6

6 LIST OF AGENCIES, ORGANIZATIONS, AND PERSONS TO WHOM COPIES HAVE BEEN SENT

Federal Agencies

U.S. Army Corps of Engineers, Nashville District; Lt. Col. Stephan W. Gay, District Engineer, and William James, Regulatory Branch

United States Army Garrison, Fort Campbell, KY, Commander, Headquarters

U.S. Environmental Protection Agency, Office of Federal Activities, Washington, DC

U.S. Environmental Protection Agency, Office of Environmental Assessment, Atlanta; Mr. Heinz J. Mueller, Chief

U.S. Fish and Wildlife Service, Cookeville, Tennessee; Dr. Lee A. Barclay, Field Supervisor

U.S. Department of the Interior, Office of Environmental Policy and Compliance, Washington, DC

U.S. Public Health Service, Centers for Disease Control and Prevention, Atlanta, Georgia, Dr. Paul Joe

State Agencies

Policy Office, Tennessee Department of Environment and Conservation, Nashville, TN; Mr. Dodd Galbreath, Director

Division of Water Pollution Control, Tennessee Department of Environment and Conservation, Nashville; Mr. Paul E. Davis, Director

Division of Natural Heritage, Tennessee Department of Environment and Conservation, Nashville; Mr. Reggie Reeves, Director

Division of Air Pollution Control, Tennessee Department of Environment and Conservation, Nashville; Mr. Barry R. Stephens, Director

Tennessee Department of Transportation, Nashville; Mr. Edward H. Cole, Chief of Environment and Planning

Tennessee Department of Agriculture, Nashville; Mr. Louis Buck, Deputy Commissioner

Tennessee Historical Commission, Nashville; Mr. Herbert L. Harper, Executive Director

Tennessee Department of Economic and Community Development, Nashville; Mr. Wilton Burnette

Tennessee Wildlife Resources Agency, Nashville; Mr. Dan Sherry

Greater Nashville Regional Council, Nashville; Mr. Maynard Tate, Executive Director

Individuals and Organizations

Mr. Kenneth Spradlin, President,
Clarksville Department of Electricity,
Clarksville,
Mr. Carl Wilson, General Manager,
Cumberland Electric Membership
Corporation, Clarksville
Mr. James Peeler, Manager, Dickson
Electric Department, Dickson
Mr. Donald Kohanski, President, Nashville
Electric Service, Nashville

Senator Lamar Alexander, Washington,
D.C.
Senator Bill Frist, Washington, D.C.
Representative Jim Cooper, Nashville, TN
Representative John Tanner, Union City,
TN
Representative Marsha Blackburn,
Washington, D.C.
Mr. Rogers Anderson, Williamson County
Executive, Franklin, TN
Representative Willie Butch Borchert,
Nashville, TN
Senator Jim Bryson, Nashville, TN
Representative Robert Briley, Nashville,
TN
Mr. G. E. Clark, Houston County
Executive, Erin, TN
Ms. Linda Frazier, Dickson County
Executive, Charlotte, TN
Representative Tim Garrett, Nashville, TN
Senator Thelma Harper, Nashville, TN
Representative Beth Harwell, Nashville,
TN
Senator Joe Haynes, Nashville, TN
Representative Tommy Head, Nashville,
TN
Senator Douglas Henry, Nashville, TN
Senator Douglas Jackson, Nashville, TN

Representative Sherry Jones, Nashville,
TN
Senator Rosalind Kurita, Nashville, TN
Representative Edith Langster, Nashville,
TN
Mayor Rhyne T. Largent, Erin, TN
Representative Kim McMillan, Nashville,
TN
Representative Gary Odom, Nashville, TN
Mr. Bill Orange, County Executive,
Ashland City, TN
Representative Mary Pruitt, Nashville, TN
Mayor Bill Purcell, Nashville, TN
Representative Charles Sargent Jr.,
Nashville, TN
Representative David Shepard, Dickson,
TN
Mr. Jim Smith, Houston County Executive,
Erin, TN
Representative Janis Baird Sontany,
Nashville, TN
Representative John Tidwell, Nashville,
TN
Mayor Don Trotter, Clarksville TN
Representative Mike Turner, Nashville, TN
Mayor Gary Vaughn, Cumberland City, TN
Mr. David Wallace, Stewart County
Executive, Dover, TN
Mr. Douglas Weiland, Montgomery County
Executive, Clarksville, TN
Mayor Don Weiss, Jr. Dickson, TN
Representative Ben West Jr., Nashville,
TN
Mr. Charles C. Aderholdt, Nashville, TN
Tapp Allensworth, Clarksville, TN
Sergei Andronikov, CMC GIS Center,
Austin Peay State University,
Clarksville, TN
Joey D. Atkins, Cumberland City, TN

Mike Billingsby, Dickson Electric, Dickson, TN
 Mr. Joe Bishop, CMCRPC, Clarksville, TN
 Mr. Bob Brundage,
 Clarksville/Montgomery County GIS,
 Clarksville, TN
 Mr. Michael Butler, Tennessee
 Conservation League, Nashville, TN
 Molly Carle, Clarksville, TN
 Carol Clark, Clarksville, TN
 Jim Coode, Cumberland EMC, Clarksville,
 TN
 Phillip Epps, Clarksville, TN
 Mr. James Feltner, Clarksville, TN
 Bill Fields, Clarksville, TN
 Steve and Colene Gannaway,
 Cunningham, TN
 Mr. Victor Gannaway, Clarksville, TN
 Roger and Barbara Gardner, The Trane
 Company, Clarksville, TN
 Wendell Gordon, Tansco, Nunnally, TN
 Jamie Haskins, Clarksville, TN
 Charles B. Hooper, Dickson, TN
 J. R. Humphreys, Jr., H & H Welding,
 Dickson, TN

David Jones, Burns, TN
 Mr. Joseph Knowles, Clarksville, TN
 Mr. Rick Longton, Clarksville, TN
 Reginald and Judy Lowe, Clarksville, TN
 DeAunta McAfee, Clarksville, TN
 Mr. Tommy McIntosh, Clarksville, TN
 Mr. John Melton, Dixieland Co., Ashland
 City, TN
 Donald O'Neal, Clarksville, TN
 R. O. Old, County Commission, Palmyra,
 TN
 Dale Ragan, Dickson, TN
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 Clarksville, TN
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 Benny Weakley, Clarksville, TN
 R. T. Wyatt, Clarksville, TN

CHAPTER 7

7 SUPPORTING INFORMATION

7.1 Literature Cited

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7.2 Glossary and Abbreviations

Ampere (A)	Unit of measure of electrical current; also amp
Aquifer	An underground layer of sand, gravel, or porous rock in which water collects
Best Management Practices (BMPs)	A set of practices that are the most effective and practical means of preventing or reducing non-point sources of pollution to a level compatible with water quality standards
Candidate species	A species for which the U.S. Fish and Wildlife Service has enough information to warrant proposing it for listing as endangered or threatened under the Endangered Species Act, but which has not yet been proposed for listing
Corona	An electrical discharge at the surface of a conductor
Cultural resources	Historic and archaeological properties, properties of traditional and cultural significance, sacred sites, Native America human remains, and cultural landscapes entitled to special consideration under Federal laws and regulations
Electric and magnetic fields (EMF)	Fields produced around the electric conductor when a transmission line is in operation
Endangered species	A species in danger of extinction throughout all or a significant portion of its range
Environmental justice	The concern over potential disproportionate impacts to minority and low income populations from pollution and other environmental effects
EPA	U.S. Environmental Protection Agency

Extirpated	No longer known to occur in a given geographic area
Forb	A herbaceous plant species other than grass
Fragmentation	The process of breaking up a large area of relatively uniform habitat into one or more smaller, disconnected areas
Invasive species	A species that is non-native (or alien) to the ecosystem under consideration and whose introduction causes or is likely to economic or environmental harm or harm to human health
Kilovolt (kV)	1,000 volts, a measure of voltage, the force that causes a current to flow in an electrical circuit
Neotropical migrant	A bird that nests in North America and winters in Central or South America, Mexico, or the Caribbean
Prime farmland	Land that has the best combination of characteristics for producing agricultural crops with minimum inputs of fuel, fertilizer, pesticides, and/or labor, and is not already in or committed to urban development or water storage
Riparian	Vegetated areas surrounding lakes, rivers, streams, and wetlands
Section 303(d) list	As defined by the Clean Water Act, a list of water bodies that are considered “water quality limited” by not meeting state water quality standards or expected to exceed water quality standards in the next two years and need additional pollution controls
TDEC	Tennessee Department of Environment and Conservation
Threatened species	A species likely to become endangered within the foreseeable future
USFWS	U.S. Fish and Wildlife Service
Wetland	An area inundated by surface or ground water with a frequency sufficient to support vegetation or aquatic life that requires saturated or seasonably saturated soil conditions for growth and reproduction

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